L Number	Hits	Search Text	DB	Time stamp
1	1357		USPAT;	2003/07/21 11:32
		or aromatic adj polyamide or polyaramid)	US-PGPUB	
2	299	((ablative or rocket) and (aramid or nylon	USPAT;	2003/07/21 08:43
		or aromatic adj polyamide or polyaramid))	US-PGPUB	
		and impregnat\$3		
3	233	(((ablative or rocket) and (aramid or	USPAT;	2003/07/21 09:37
		nylon or aromatic adj polyamide or	US-PGPUB	
		polyaramid)) and impregnat\$3) and		1
		reinforc\$5		
4	205	((((ablative or rocket) and (aramid or	USPAT;	2003/07/21 09:37
		nylon or aromatic adj polyamide or	US-PGPUB	
		polyaramid)) and impregnat\$3) and	Ļ	
		reinforc\$5) and (rocket or nose adj cone or exhaust)	İ	
5	197	1	USPAT;	2003/07/21 08:46
"	19,	nylon or aromatic adj polyamide or	US-PGPUB	2003/07/21 08.40
]		polyaramid)) and impregnat\$3) and	05 10105	
		reinforc\$5) and (rocket or nose adj cone		1
		or exhaust)) and (fiber or filament or		
		mat)	İ	
6	37505	(aramid or nylon or aromatic adj	USPAT;	2003/07/21 09:36
		polyamide or polyaramid) with (fiber or	US-PGPUB	
_		filament ot mat)		
7	449	((ablative or rocket) and (aramid or nylon	USPAT;	2003/07/21 12:09
		or aromatic adj polyamide or polyaramid)) and ((aramid or nylon or aromatic adj	US-PGPUB	
		polyamide or polyaramid) with (fiber or		
		filament of mat))		l
8	360	(((ablative or rocket) and (aramid or	USPAT;	2003/07/21 09:37
		nylon or aromatic adj polyamide or	US-PGPUB	
		polyaramid)) and ( (aramid or nylon or		
		aromatic adj polyamide or polyaramid) with		l i
		(fiber or filament ot mat))) and (rocket		
		or nose adj cone or exhaust)		
9	244	((((ablative or rocket) and (aramid or	USPAT;	2003/07/21 09:37
		nylon or aromatic adj polyamide or polyaramid)) and ( (aramid or nylon or	US-PGPUB	]
		aromatic adj polyamide or polyaramid) with		1
		(fiber or filament ot mat))) and (rocket		
	,	or nose adj cone or exhaust)) and		
		reinforc\$5		
10	42	("3126306"   "3177175"   "3314915"	USPAT	2003/07/21 11:32
		"3347047"   "3395035"   "3397168"		
		"3421970"   "3449191"   "3459701"		
· .		"3472812"   "3562304"   "3875106"		1
		"3914513"   "3969264"   "3991004"     "4064872"   "4205035"   "4369297"		
·		4064672	İ	
		"4495764"   "4501503"   "4507165"		
		"4514541"   "4515912"   "4596619"		
		"4600732"   "4617371"   "4624872"	1	
		"4631328"   "4637896"   "4686135"		
		"4696990"   "4798849"   "4861515"	İ	
		"4863367"   "4864537"   "4888127"		
11		"4956397"   "5017304"   "5038561").PN.		
11	11	(("3126306"   "3177175"   "3314915"	USPAT;	2003/07/21 11:32
	•	"3347047"   "3395035"   "3397168"     "3421970"   "3449191"   "3459701"	US-PGPUB	
		"3421970"   "3449191"   "3459701"     "3472812"   "3562304"   "3875106"		
		"3914513"   "3969264"   "3991004"		
		"4064872"   "4205035"   "4369297"		
[ [		"4384016"   "4394498"   "4492779"		
		"4495764"   "4501503"   "4507165"		
		"4514541"   "4515912"   "4596619"		
		"4600732"   "4617371"   "4624872"		
		"4631328"   "4637896"   "4686135"		
		"4696990"   "4798849"   "4861515"     "4863367"   "4864537"   "4880137"		
		"4863367"   "4864537"   "4888127"     "4956397"   "5017304"   "5038561").PN.)		
	!	and (aramid or nylon or aromatic adj		
	į	polyamide or polyaramid)		
	-	[Pa-lamage of borlaramage]	L	L

12	7	5352312.URPN.	USPAT	2003/07/21 11:51
13	187	(((ablative or rocket) and (aramid or	USPAT;	2003/07/21 12:09
	1	nylon or aromatic adj polyamide or	US-PGPUB	
	İ	polyaramid)) and ( (aramid or nylon or aromatic adj polyamide or polyaramid) with		
		(fiber or filament ot mat))) and		
		impregnat\$3		
14	163	((((ablative or rocket) and (aramid or	USPAT;	2003/07/21 13:12
		nylon or aromatic adj polyamide or	US-PGPUB	
		polyaramid)) and ((aramid or nylon or		
		aromatic adj polyamide or polyaramid) with (fiber or filament ot mat))) and		
		impregnat\$3) and reinforc\$5		
16	510		USPAT;	2003/07/21 14:38
		or aromatic adj polyamide or polyaramid))	US-PGPUB	
1.7	200	and insulat\$3		
17	202	( (aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or.	USPAT; US-PGPUB	2003/07/21 13:25
		filament ot mat)) and (((ablative or	03-16108	
		rocket) and (aramid or nylon or aromatic	!	
		adj polyamide or polyaramid)) and		
	104	insulat\$3)		0000/05/04 44 05
18	134	(( (aramid or nylon or aromatic adj polyamide or polyaramid) with (fiber or	USPAT; US-PGPUB	2003/07/21 14:35
		filament ot mat)) and (((ablative or	03-16100	
		rocket) and (aramid or nylon or aromatic		
		adj polyamide or polyaramid)) and		
		<pre>insulat\$3)) not (((((ablative or rocket)</pre>		
		and (aramid or nylon or aromatic adj polyamide or polyaramid)) and impregnat\$3)		
		and reinforc\$5) and (rocket or nose adj		
		cone or exhaust)) and (fiber or filament		
		or mat))		
32	587	((ablative or rocket) and (aramid or nylon	USPAT;	2003/07/21 14:43
		or aromatic adj polyamide or polyaramid)) and (insulat\$3 with (rocket) or ablative)	US-PGPUB	
33	180	( (aramid or nylon or aromatic adj	USPAT;	2003/07/21 14:39
		polyamide or polyaramid) with (fiber or	US-PGPUB	
		filament ot mat)) and (((ablative or		
		rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and		
		(insulat\$3 with (rocket) or ablative))		÷
34	135	1 '	USPAT;	2003/07/21 14:39
		polyamide or polyaramid) with (fiber or	US-PGPUB	
		filament ot mat)) and (((ablative or		
		rocket) and (aramid or nylon or aromatic adj polyamide or polyaramid)) and		
		(insulat\$3 with (rocket) or ablative)))		
		not (((((ablative or rocket) and (aramid		
		or nylon or aromatic adj polyamide or		.
		polyaramid)) and impregnat\$3) and reinforc\$5) and (rocket or nose adj cone		
		or exhaust)) and (fiber or filament or		
,		mat))		
35	84	((ablative or rocket) and (aramid or nylon	USPAT;	2003/07/21 14:49
		or aromatic adj polyamide or polyaramid))	US-PGPUB	
36	10	and (insulat\$3 with (rocket))   ("H001140"   "3243956"   "3269113"	USPAT	2003/07/21 14:45
"		"3928965"   "3990369"   "4495764"	JULAI	2003/07/21 14:45
		"4501841"   "4507165"   "4632847"		
1 37		"5388399").PN.		0000 (00 (00 )
37	4	(("4656095") or ("4595714") or ("4600732")   or ("4956397")).PN.	USPAT;	2003/07/21 14:54
38	1	("4492779").PN.	US-PGPUB USPAT;	2003/07/21 14:54
1			US-PGPUB	
39	6	("3650102"   "3723588"   "4064359"	USPAT	2003/07/21 15:24
L		"4246313"   "4463465"   "4473614").PN.		

15	18	1 ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	USPAT;	2003/07/21 15:27
		nylon or aromatic adj polyamide or	US-PGPUB	
		polyaramid)) and ( (aramid or nylon or		
		aromatic adj polyamide or polyaramid) with		
		(fiber or filament ot mat))) and		
		impregnat\$3) and reinforc\$5) not		
		(((((ablative or rocket) and (aramid or		
		nylon or aromatic adj polyamide or		
		polyaramid)) and impregnat\$3) and		!
		reinforc\$5) and (rocket or nose adj cone		
		or exhaust)) and (fiber or filament or		
	4.1	mat))		0000/07/01 00 41
_	41	ablative and aramid	USPAT;	2003/07/21 08:41
	390	ablative and mulan	US-PGPUB	2002/01/20 14:07
_	390	ablative and nylon	USPAT; US-PGPUB	2003/01/30 14:07
<u>_</u>	18	ablative and polyaramid\$1	USPAT;	2003/01/30 14:07
	10	apracive and borlaramidar	US-PGPUB	2003/01/30 14.07
_	8	ablative and aramide	USPAT;	2003/01/30 14:11
		ablacive and alamide	US-PGPUB	2003/01/30 14.11
_	56	(ablative and aramid) or (ablative and	USPAT;	2003/01/30 14:11
		polyaramid\$1) or (ablative and aramide)	US-PGPUB	2003/01/30 11:11
_	9	((ablative and aramid) or (ablative and	USPAT;	2003/01/30 14:19
		polyaramid\$1) or (ablative and aramide))	US-PGPUB	=000,01,00 11113
		and carboniz\$5		
_	74	ablative and kevlar	USPAT;	2003/01/30 14:15
			US-PGPUB	
_	. 6	(ablative and kevlar) and carboniz\$5	USPAT;	2003/01/30 14:15
			US-PGPUB	
_	221	rocket and (aramid\$1 or polyaramid\$1)	USPAT;	2003/01/30 14:19
			US-PGPUB	
_	9	(====================================	USPAT;	2003/01/30 14:19
		and carboniz\$5	US-PGPUB	
-	6	(   -   -   -   -   -   -   -   -   -	USPAT;	2003/01/30 14:19
		and carboniz\$5) not (((ablative and	US-PGPUB	
		aramid) or (ablative and polyaramid\$1) or		
	20	(ablative and aramide)) and carboniz\$5)		
_	38	ablative and aromatic adj polyamide	USPAT;	2003/01/30 15:05
_	69	rocket and aromatic adj polyamide	US-PGPUB	2002/01/20 15:02
	09	l rocket and aromatic adj poryamide	USPAT;	2003/01/30 15:03
_	24	((ablative and aromatic adj polyamide) or	US-PGPUB USPAT;	2003/01/30 15:06
	23	(rocket and aromatic adj polyamide) and	US-PGPUB	2003/01/30 15:06
		carboniz\$5	U3-FGFUB	
_	12	,	USOCR	2003/01/30 15:05
		polyamide	OBOOK	2003/01/30 13:03
_	298	graphitiz\$5 and ( aramid\$1 or polyaramid\$1	USPAT;	2003/01/30 15:11
•		or aromatic adj polyamide)	US-PGPUB	2003, 01, 30 13.11
_	26		USPAT;	2003/01/30 15:11
		polyaramid\$1 or aromatic adj polyamide))	US-PGPUB	
		and (rocket or ablative)		
-	6	( ( ) = -	USPAT;	2003/01/30 15:11
		polyaramid\$1 or aromatic adj polyamide))	US-PGPUB	
		and (rocket or ablative)) not (((ablative		
		and aromatic adj polyamide) or (rocket and		
	i	aromatic adj polyamide)) and carboniz\$5)		
-	2	("4278584"   "4345003").PN.	USPAT	2003/01/30 15:16
-	4	4504532.URPN.	USPAT	2003/01/30 15:17
_	6	((ablacit of roomet) and aromatic day	USOCR	2003/01/30 15:18
_	108	polyamide) and carboniz\$5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0000/00/05
·	108	viscose adj rayon and (aromatic adj polyamide or aramid\$1 or polyaramide)	USPAT;	2003/02/05 10:48
_	11	viscose adj rayon and (aromatic adj	US-PGPUB	2002/00/05 00 00
	**	viscose adj rayon and (aromatic adj   polyamide or aramid\$1 or polyaramide)) and	USPAT;	2003/02/05 09:08
		carboniz\$5	US-PGPUB	
_	26		IICDAT.	2003/02/05 00:00
	20	polyamide or aramid\$1 or	USPAT; US-PGPUB	2003/02/05 09:08
ļ		polyaramide).ab,clm,ti.	US-FGFUB	
-	2450		USPAT;	2003/02/05 09:28
		aramid\$1 or polyaramide)	US-PGPUB	2003/02/03 09:28
-	179		USPAT;	2003/02/05 09:09
		aramid\$1 or polyaramide)) and carboniz\$5	US-PGPUB	2003/02/03 03:09
			22 10100	L

<del>-</del>	168	((rayon and (aromatic adj polyamide or	USPAT;	2003/02/05 09:26
		aramid\$1 or polyaramide)) and carboniz\$5)	US-PGPUB	
		not ((viscose adj rayon and (aromatic adj		
		polyamide or aramid\$1 or polyaramide)) and		
		carboniz\$5)		
_	2	carded and yarn-spun	USPAT;	2003/02/05 09:27
			US-PGPUB	
_	538	felt and flock	USPAT;	2003/02/05 09:27
			US-PGPUB	
. –	19021	aromatic adj polyamide or aramid\$1 or	USPAT;	2003/02/05 10:53
		polyaramide	US-PGPUB	1
_	23	(felt and flock) and (aromatic adj	USPAT;	2003/02/05 09:46
		polyamide or aramid\$1 or polyaramide)	US-PGPUB	
_	528	(ablative or rocket) and (felt or flock or	USPAT;	2003/02/05 10:49
		carded or yarn-spun)	US-PGPUB	
_	382	(rocket) and (felt or flock or carded or	USPAT;	2003/02/05 09:48
		yarn-spun)	US-PGPUB	
-	25	(rocket and ablative) and (felt or flock	USPAT;	2003/02/05 09:49
		or carded or yarn-spun)	US-PGPUB	
_	5	(aromatic adj polyamide or aramid\$1 or	USPAT;	2003/02/05 10:50
		polyaramide) and polyarylonitrile	US-PGPUB	
_	985	(aromatic adj polyamide or aramid\$1 or	USPAT;	2003/02/05 10:49
		polyaramide) and PAN	US-PGPUB	
-	29	(ablative or rocket) and ((aromatic adj	USPAT;	2003/02/05 10:51
		polyamide or aramid\$1 or polyaramide) and	US-PGPUB	
		PAN)		
-	1839	(aromatic adj polyamide or aramid\$1 or	USPAT;	2003/02/05 10:51
	į	polyaramide) and polyacrylonitrile	US-PGPUB	
_	36	(ablative or rocket) and ((aromatic adj	USPAT;	2003/02/05 10:51
		polyamide or aramid\$1 or polyaramide) and	US-PGPUB	İ
		polyacrylonitrile)		
-	337	aromatic adj polyamide or aramid\$1 or	USOCR	2003/02/05 10:53
		polyaramide		
-	20	(aromatic adj polyamide or aramid\$1 or	USOCR	2003/02/05 10:53
		polyaramide) and polyacrylonitrile		1